



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

Sunshine Windows Manufacturing, Inc.
1745 W. 33rd Place
Hialeah, FL 33012

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/ or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "2001" 8'-0" Outswing Aluminum French Door - L.M.I.

APPROVAL DOCUMENT: Drawing No. FD01-13, titled "Series 2001 Aluminum French Door - Impact Resistant Glass, sheets 01 through 08 of 08, dated 04/02/08, with the latest revision dated 04/19/14, prepared by manufacturer, signed and sealed by Francisco Hernandez, P. E., bearing the Miami-Dade County Product Control Section Renewal stamp with the Notice of Acceptance number and Expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

REVISION of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises and renews NOA No. 13-0416.16 and consists of this page 1 and evidence pages E-1 and E-2, and Green Sustainable Attributes (GSA) page G-1 as well as approval document mentioned above. The submitted documentation was reviewed by Jaime D. Gascon, P. E.



J. Gascon
4/28/14

NOA No. 14-0109.06
Expiration Date: May 08, 2018
Approval Date: May 08, 2014
Page 1

Sunshine Windows Manufacturing, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **FD01-13**, titled "Series 2001 Aluminum French Door - Impact Resistant Glass, sheets 01 through 08 of 08, dated 04/02/08, with the latest revision dated 04/19/14, prepared by manufacturer, signed and sealed by Francisco Hernandez, P. E.

B. TESTS

1. Test report on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, Side-Hinged Door Systems, per FBC, chapter 2411 3.2.1, TAS 202-94 and per AAMA 1304-02along with marked-up drawings and installation diagram of an Aluminum swinging Glass Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-7262**, dated 05/15/13, signed and sealed by Marlin D. Brinson, P. E.
2. Test report on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, Side-Hinged Door Systems, per FBC, chapter 2411 3.2.1, TAS 202-94 and per AAMA 1304-02along with marked-up drawings and installation diagram of an Aluminum swinging Glass Door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3399**, dated 08/16/02, signed and sealed by Joseph C. Chan, P. E.
(Submitted under previous NOA No. 02-1104.03)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with the Florida Building Code, prepared, dated 10/15/13, signed and sealed by Francisco Hernandez, P. E.
2. Glazing complies with ASTM E1300-98/04

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).



Jaime D. Gascon, P. E.
Product Control Section Supervisor
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E. MATERIAL CERTIFICATIONS


1. Notice of Acceptance No. 13-0129.27 issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont Butacite® PVB Interlayer**" dated 04/11/13, expiring on 12/11/16.
2. Notice of Acceptance No. 12-1231.10 issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 03/28/13, expiring on 05/21/16.

F. STATEMENTS

1. Statement letter of conformance and complying with **FBC-2010** and with **AAMA/ WDMA/ CSA 101/ I.S. 2/ A440**, issued, dated 12/05/13, signed and sealed by Francisco Hernandez, P. E.
2. Statement letter of no financial interest and independence, issued, dated 12/05/13, signed and sealed by Francisco Hernandez, P. E.
3. Laboratory compliance letter prepared by Fenestration Testing Laboratory, Inc., for Test Report **FTL-7262**, dated 05/15/13, signed & sealed by Marlin D. Brinson, P. E.
4. Laboratory addendum letter prepared by Fenestration Testing Laboratory, Inc., for Test Report No. **FTL-3399**, dated 04/24/03, signed and sealed Joseph C. Chan, P. E. *(Submitted under previous NOA No. 02-1104.03)*
5. Laboratory compliance letter prepared by Fenestration Testing Laboratory, Inc., for Test Report No. **FTL-3399**, dated 08/16/02, signed and sealed Joseph C. Chan, P. E. *(Submitted under previous NOA No. 02-1104.03)*

G. OTHERS

1. Notice of Acceptance No. 13-0416.16, issued to Sunshine Windows Manufacturing, Inc. for their Series "2001 French" 8-Ft. Outswing Aluminum Glazed Door - L.M.I., approved on 05/09/13 and expiring on 05/08/14.
2. NFRC U-Factor, SHGC, VT & Condensation Resistance Computer Simulation Report on: **DDFR** "Test Procedure for Measuring the Steady State Thermal Transmittance of Fenestration Systems" of the series 2001 Aluminum glazed outswing French door at all members, along with attached Description Table Abbreviations in Appendix, submittal Form and Drawings, marked-up by Fenestration Testing Laboratory, Inc., Simulation Report No. **FTL-7625**, pages 01 to 05 of 05, including Miami-Dade County NOA No. 12-0209.05 approval drawings, sheets 01 to 07 of 07, dated 12/03/13 and signed by Jose Sanchez, NFRC Certified Simulator-In-Responsible-Charge (CSIRC).



Jaime D. Gascon, P. E.
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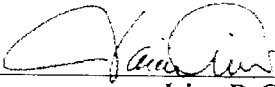
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

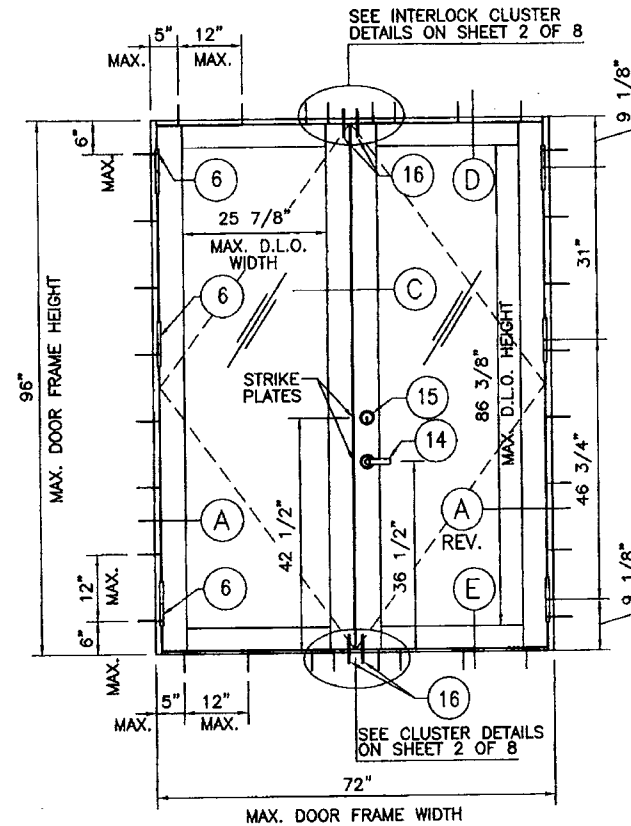
I. GREEN SUSTAINABLE ATTRIBUTES (GSA)

SCOPE: This document is solely for the purpose of verification of Sustainable Attributes of construction materials. The documentation submitted has been reviewed by Miami-Dade County, Department of Regulatory and Economic Resources (RER), Product Control Section (PCS).

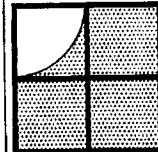
G.8 - U-FACTOR (THERMAL TRANSMITTANCE) BTU/HR-FT ² -°F					
G.9 - SHGC-FACTOR (SOLAR HEAT GAIN COEFFICIENT) BTU/HR-FT ²					
ID No.	Simulation Report No.:	Product Description	Glazing Components:	G.8: U-Value	G.9: SHGC
01-00	FTL-7625	DDFR	3/16 Clear	1.07	0.57
01-01			3/16 Solar Bronze	1.07	0.46
01-02			3/16 Solar Gray	1.07	0.43
01-03			3/16 Solex	1.07	0.45
01-04			1/4 Clear	1.07	0.56
01-05			1/4 Solar Bronze	1.07	0.44
01-06			1/4 Solar Gray	1.07	0.41
01-07			1/4 Solex	1.07	0.43
02-00			1/8 clr./ 0.090 Saflex IIIG/ 1/8clr.	1.03	0.51
02-01			1/8 clr./ 0.090 Saflex IIIG/ 1/8 bronze	1.03	0.45
02-02			1/8 bronze/ 0.090 Saflex IIIG/ 1/8 bronze	1.03	0.40
02-03			1/8 clr./ 0.090 Saflex IIIG/ 1/8 gray	1.03	0.43
02-04			1/8 gray/ 0.090 Saflex IIIG/ 1/8 gray	1.03	0.37
03-00			1/8-SB60/ 0.090 PVB 1/8 clr.	1.03	0.32
04-00			1/8 Solar gray/ 0.090 PVB 1/8-SB60	1.03	0.31
05-00			1/8 Solar gray/ 0.090 PVB 1/8-SB70XL	1.03	0.27

Legend	
Abbreviations:	Description:
PVB	Poly Vinyl Interlayer
Saflex IIIG	Clear Saflex Interlayer
clr.	Clear glass
SB60	PPG Solarban 60 or 70 @ #2 Surface Typical
SB70XL	PPG Solarban 60 or 70 @ #2 Surface Typical


Jaime D. Gascon, P. E.
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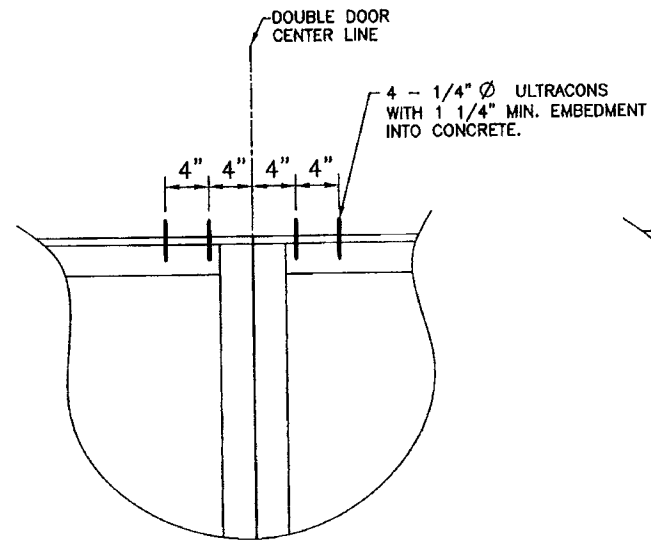


SHEET 1 OF 8

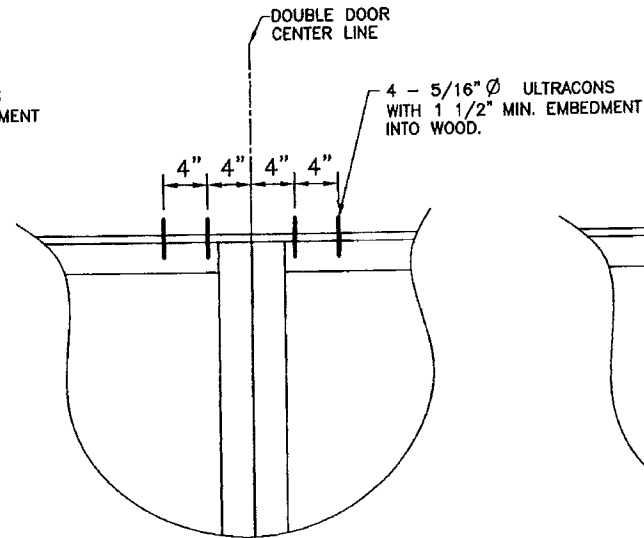


Sunshine Windows
Manufacturing, Inc.
1745 W. 33rd Place
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Ph: (305)384-9952
Fax: (305)828-5118

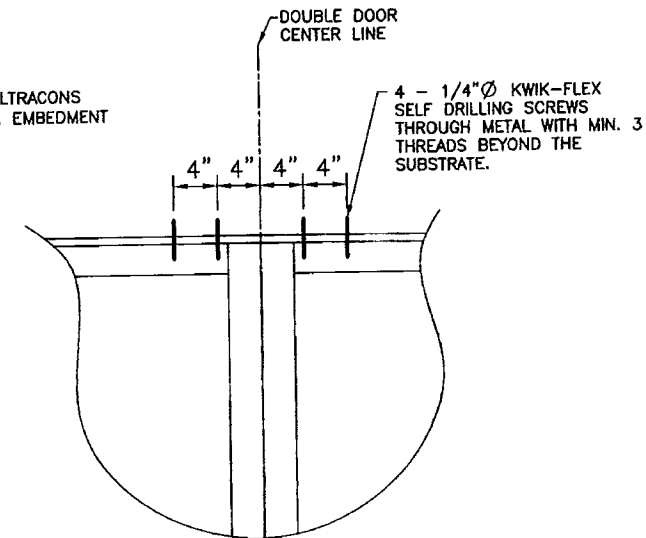
SERIES 2001 ALUMINUM
OUTSWING FRENCH DOOR
LARGE MISSILE IMPACT RESISTANT



CLUSTER DETAIL
FOR ATTACHMENT TO CONCRETE
WITH OR W/O WOOD BUCKS
AT FRAME HEAD AND FRAME SILL



CLUSTER DETAIL
FOR ATTACHMENT TO WOOD
AT FRAME HEAD AND FRAME SILL



CLUSTER DETAIL
FOR ATTACHMENT TO METAL
AT FRAME HEAD AND FRAME SILL

INTERLOCK CLUSTERS DETAILS

Miami Dade County Department of Regulatory And Economic Resources - Job Copy

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PRODUCT RENEWED
as complying with the Florida
Building Code
Acceptance No. 14-0109.06
Expiration Date 05/08/2018
By: [Signature]
Miami Dade Product Control

[Signature]
4-19-2014
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

No	DATE	REVISION

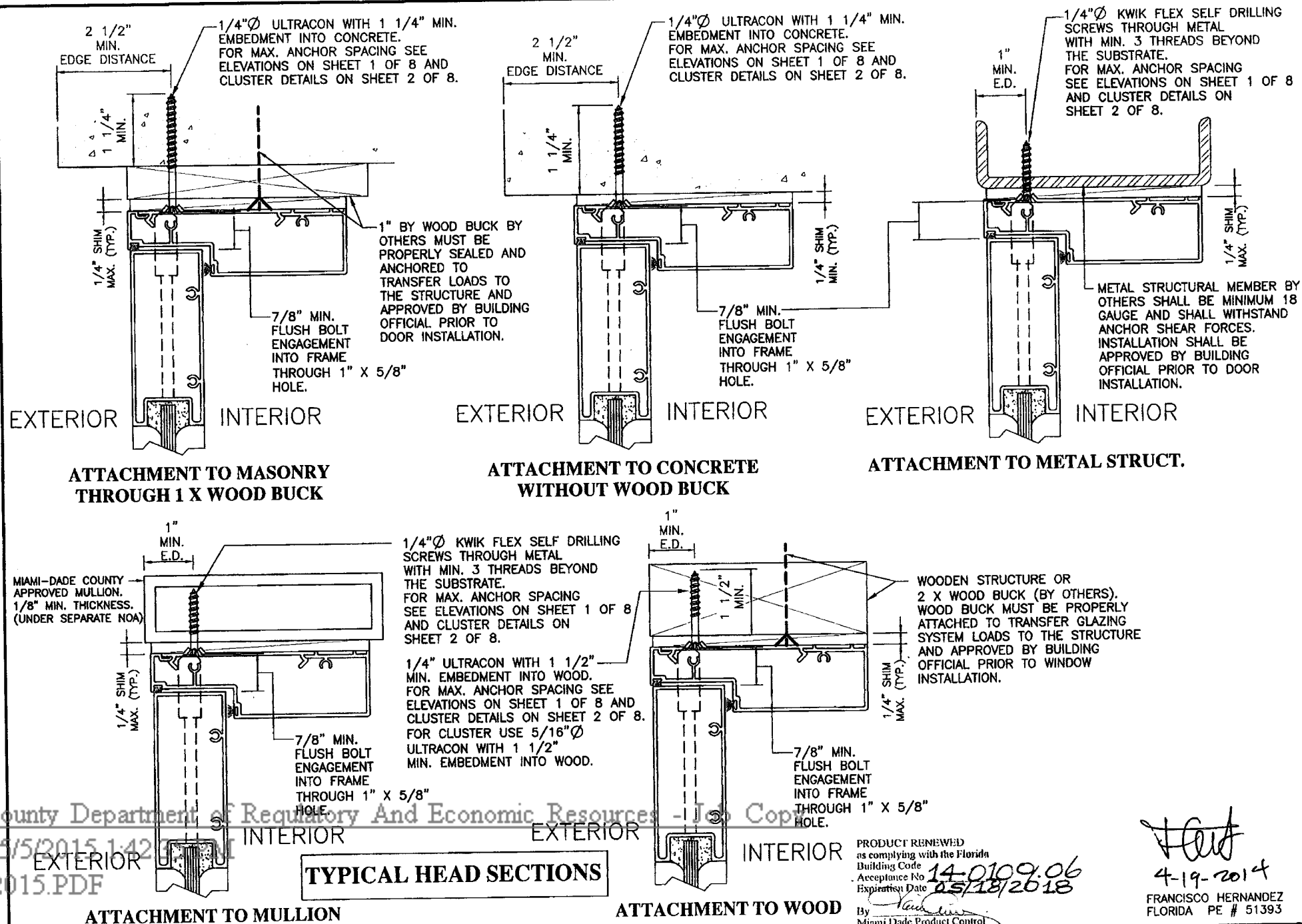
DRAWING No.
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SCALE: N.T.S.
SHEET 2 OF 8

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**SERIES 2001 ALUMINUM
OUTSWING FRENCH DOOR
LARGE MISSILE IMPACT RESISTANT**

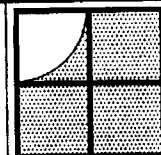
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FD01-13
DATE: 05/16/2013
SCALE: N.T.S.
SHEET 3 OF 8



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By Francisco Hernandez
Miami Dade Product Control

Francisco Hernandez
4-19-2014
FRANCISCO HERNANDEZ
FLORIDA PE # 51393

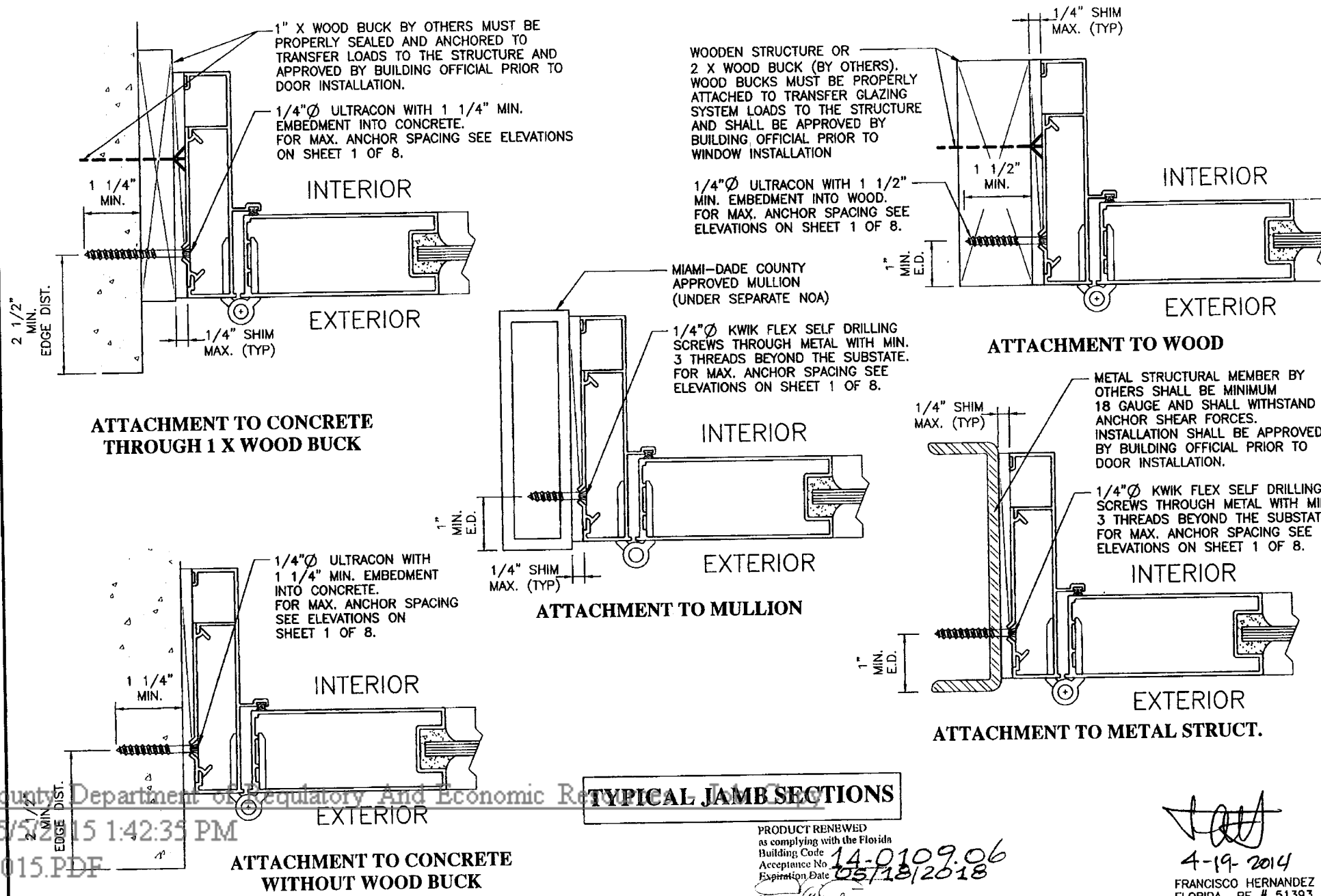


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NO	DATE	REVISION

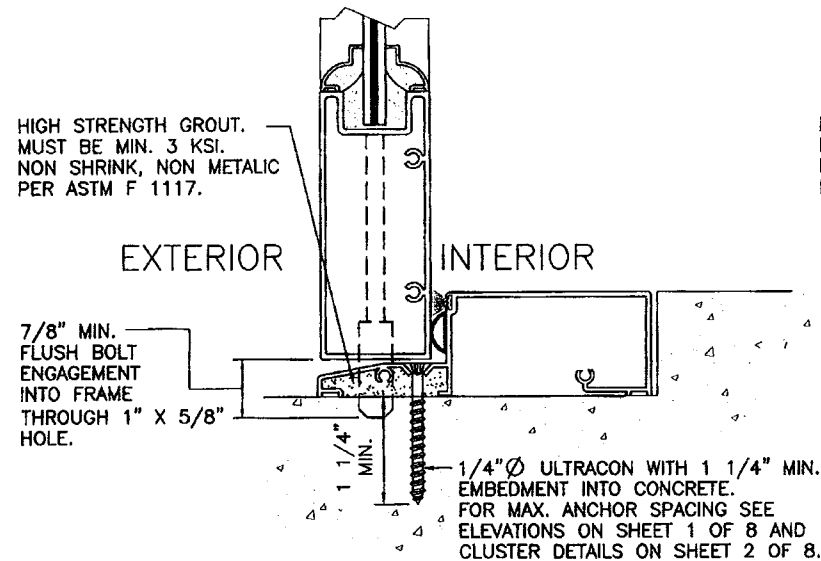
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SCALE: N.T.S.
SHEET 4 OF 8



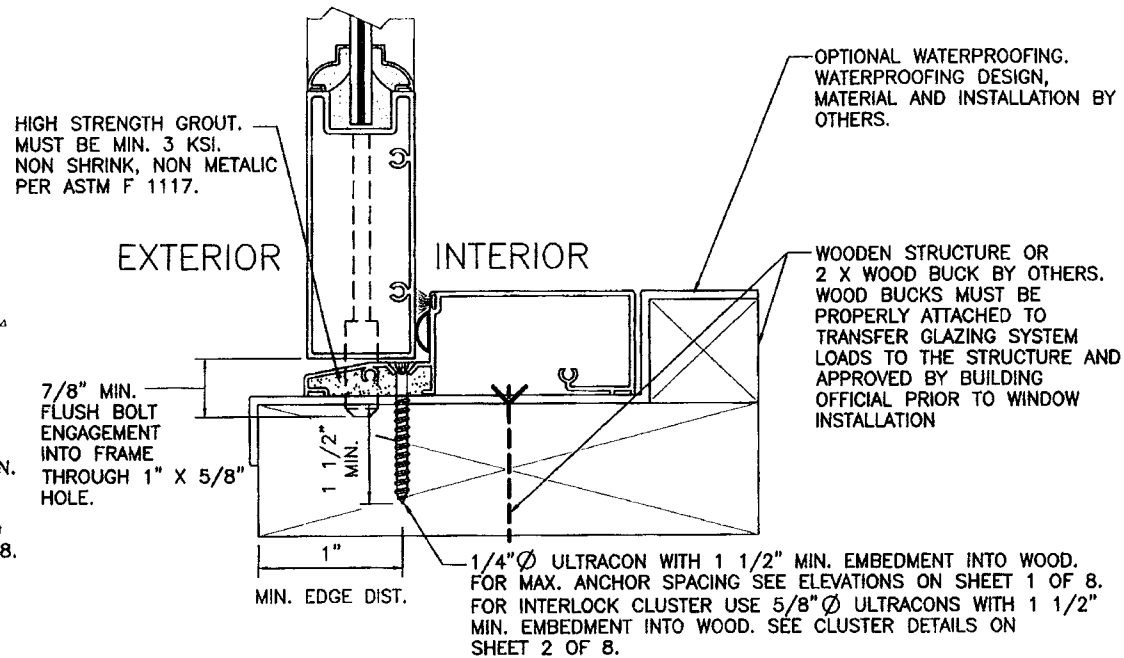
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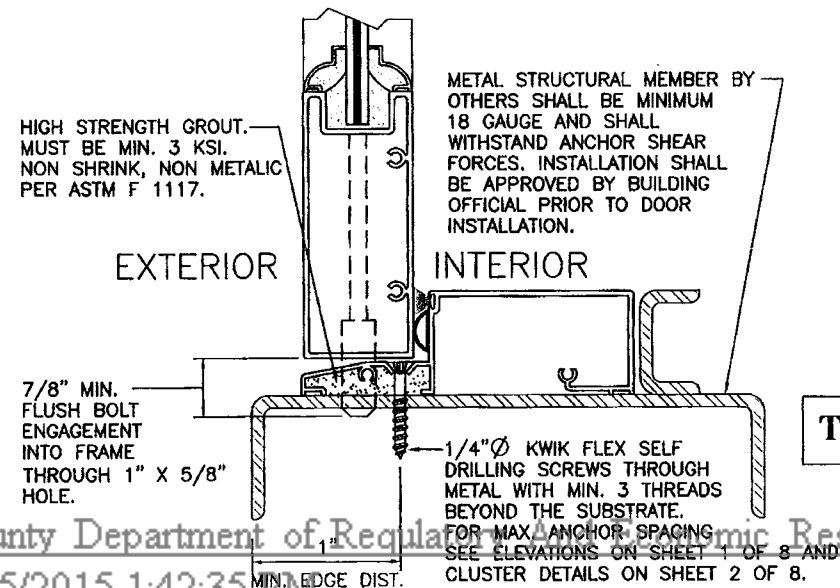
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4-19-2014
FRANCISCO HERNANDEZ
FLORIDA PE # 51393



ATTACHMENT TO CONCRETE

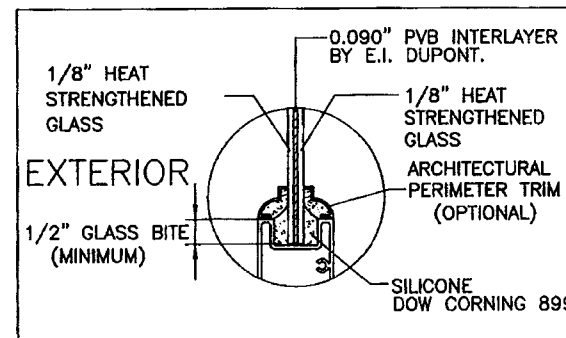


ATTACHMENT TO WOOD



ATTACHMENT TO METAL

GLAZING DETAIL



TYPICAL SILL SECTIONS

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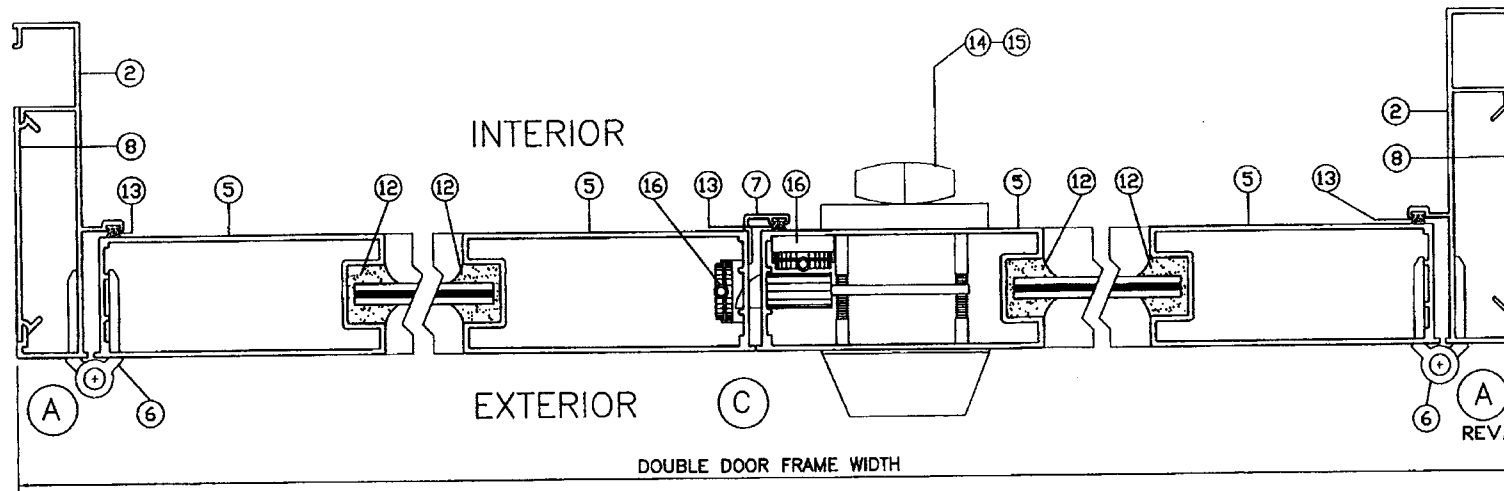
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DRAWING No.
FD01-13
DATE: 05/16/2013
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SHEET 5 OF 8

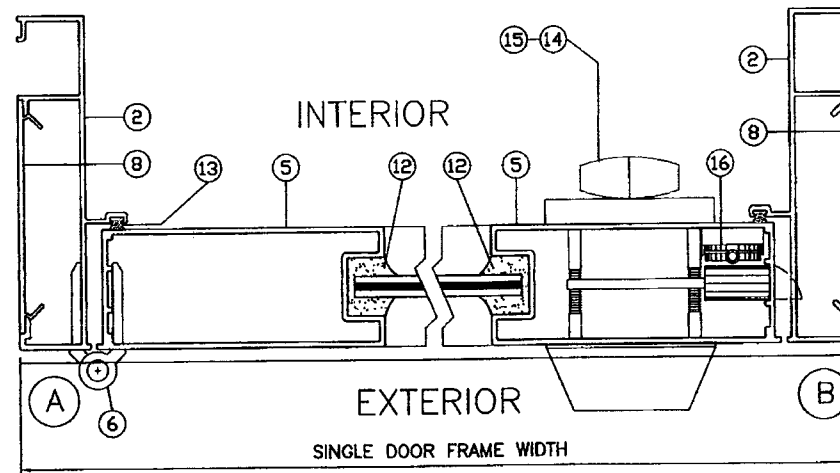
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By Francisco Hernandez
Miami Dade Product

Francisco Hernandez
4-19-2014
FRANCISCO HERNANDEZ
FLORIDA PE # 51393



INSTALLATION NOTES

- 1.- FOR ANCHOR MAX. SPACING SEE DOOR ELEVATION ON SHEET 1 OF 8.
- 2.- FOR ANCHOR INSTALLATION AND CLUSTER DETAILS SEE SHEET 2 OF 8 AND TYPICAL SECTIONS ON SHEETS 3, 4, & 5 OF 8.
- 3.- FOR ATTACHMENT INTO CONCRETE THROUGH 1 X WOOD BUCK USE 1/4" Ø ULTRACON BY ELCO WITH 1 1/4" MIN. EMBEDMENT INTO CONCRETE AND 2 1/2" MIN. EDGE DISTANCE.
- 4.- FOR ATTACHMENT TO CONCRETE WITHOUT WOOD BUCKS USE 1/4" Ø ULTRACON BY ELCO WITH 1 1/4" MIN. EMBEDMENT INTO CONCRETE AND 2 1/2" MIN. EDGE DISTANCE.
- 5.- FOR ATTACHMENT TO WOODEN STRUCTURE OR 2 X WOOD BUCK USE 1/4" Ø ULTRACON BY ELCO WITH 1 1/2" MIN. EMBEDMENT INTO WOOD AND 1" MIN. EDGE DISTANCE. (SEE CLUSTER DETAIL)
- 6.- FOR ATTACHMENT TO STEEL MEMBERS (18 MIN. GAUGE) OR ALUMINUM MEMBERS (1/8" MIN. WALL THICKNESS) USE 1/4" Kwik-FLEX SELF DRILLING SCREWS.
- 7.- USE HIGH STRENGTH, NON-SHRINK, NON-METALLIC GROUT (MIN 3 KSI) BETWEEN THE DOOR SILL AND THE CONCRETE SLAB CONTINUOUSLY ALONG THE SILL.



HORIZONTAL SECTIONS

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4-19-2014
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**SERIES 2001 ALUMINUM
OUTSWING FRENCH DOOR
LARGE MISSILE IMPACT RESISTANT**

REVISION	DATE	BY

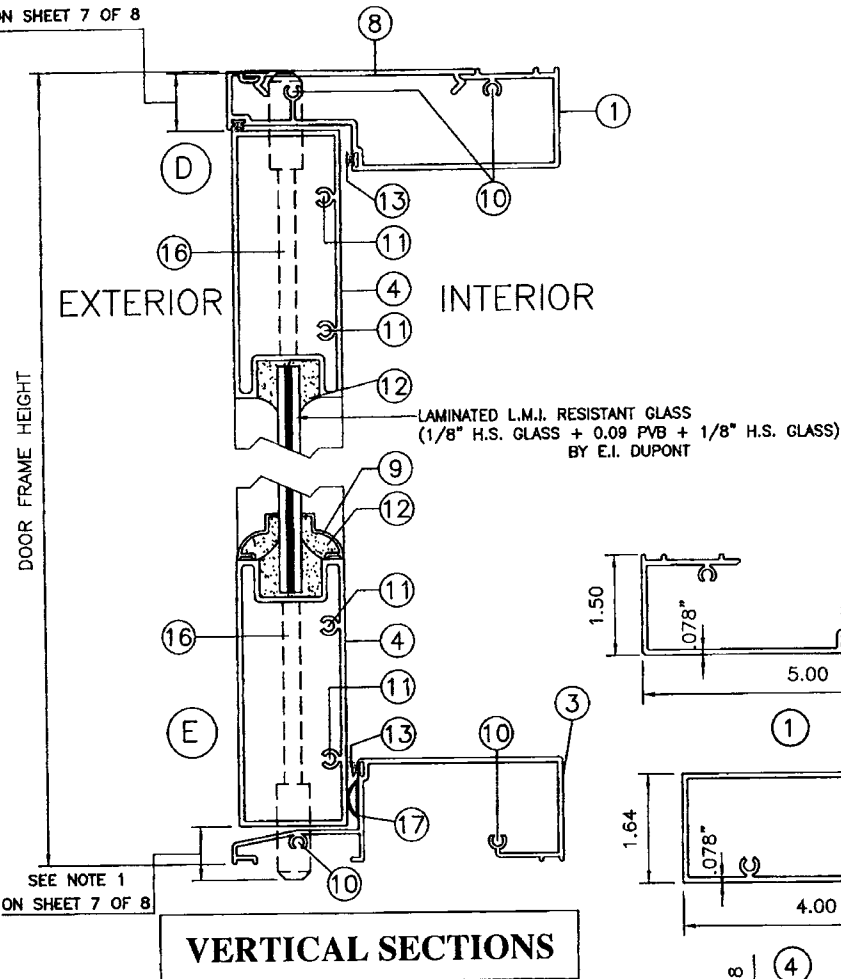
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FD01-13

DATE: 05/16/2013

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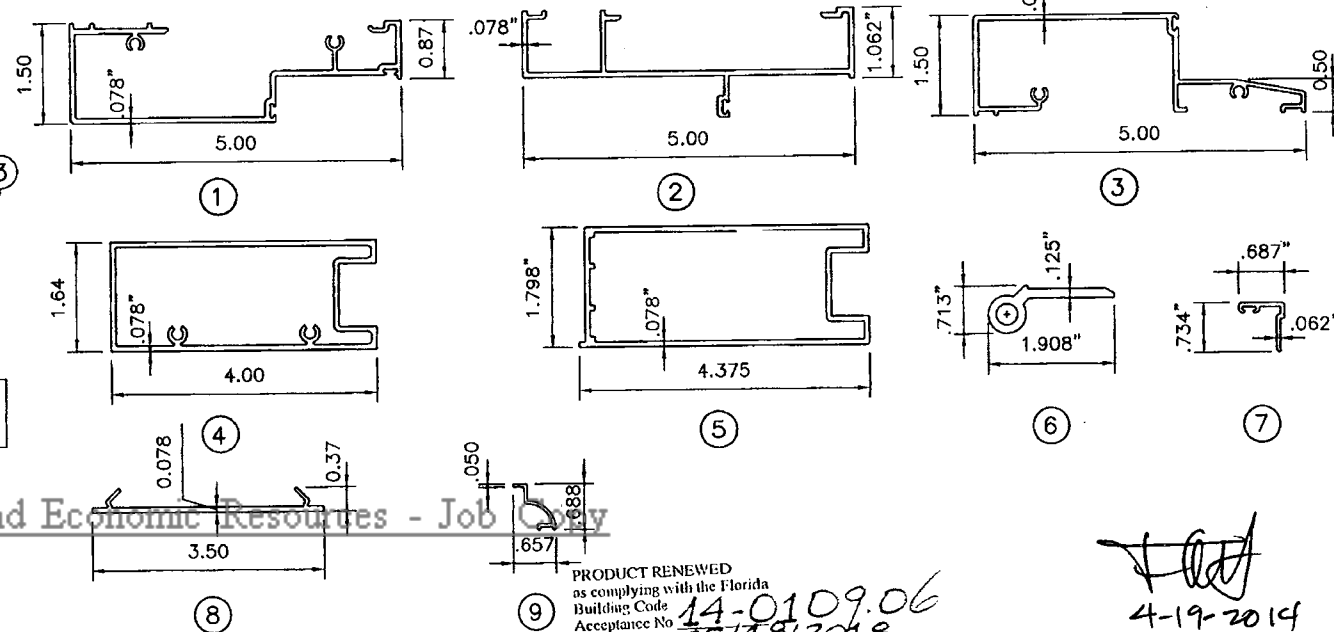
SHEET 6 OF 8

SEE NOTE 1
ON SHEET 7 OF 8



SEE NOTE 1
ON SHEET 7 OF 8

VERTICAL SECTIONS



MATERIAL LIST

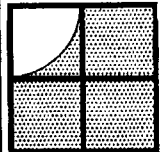
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2	GAS-46912	2	FRAME JAMB	6063-T6
3	GAS-46915	1	FRAME SILL	6063-T6
4	GAS-46914	4	PANEL TOP AND BOTTOM RAIL	6063-T5
5	GAS-46910	4	PANEL STILE	6063-T6
6	GAS-46917	3 / LEAVE	HINGE	6063-T5
7	GAS-46916	1	ADAPTER	6063-T5
8	GAS-40928	AS REQ'D	FLAT FILL COVER	6063-T5
9	GAS-46911	OPTIONAL	PERIMETER TRIM	6063-T5
10	1LY73	AS REQ'D	# 10 X 1" SCREWS GRADE 5	STEEL
11	1MB16	AS REQ'D	# 10 X 1 1/2" SCREWS GRADE 5	STEEL
12	SEALANT	AS REQ'D	DOW CORNING 899	SILICONE
13	W33321NK0020	AS REQ'D	ULTRA FIN WEATHERSEAL BY ULTRAFAB .187 X .320	POLYPROPYLENE
14	RA-2090L3RZAB3BP	1	LOCK (LATCH)	ZINC
15	RA-209DZ1ABBP	1	LOCK (DEAD BOLT)	ZINC
16	FLUSH BOLTS	2 / LEAVE	FLUSH BOLTS	ZINC / STEEL
17	X109HT-100	AS REQ'D	D SECTION FOAM RUBBER SEAL	EPDM

LAMINATED L.M.I. RESISTANT GLASS
(1/8" H.S. GLASS + 0.09 PVB + 1/8" H.S. GLASS)
BY E.I. DUPONT

NOTE:
1. 7/8" MIN. FLUSH BOLT ENGAGEMENT.

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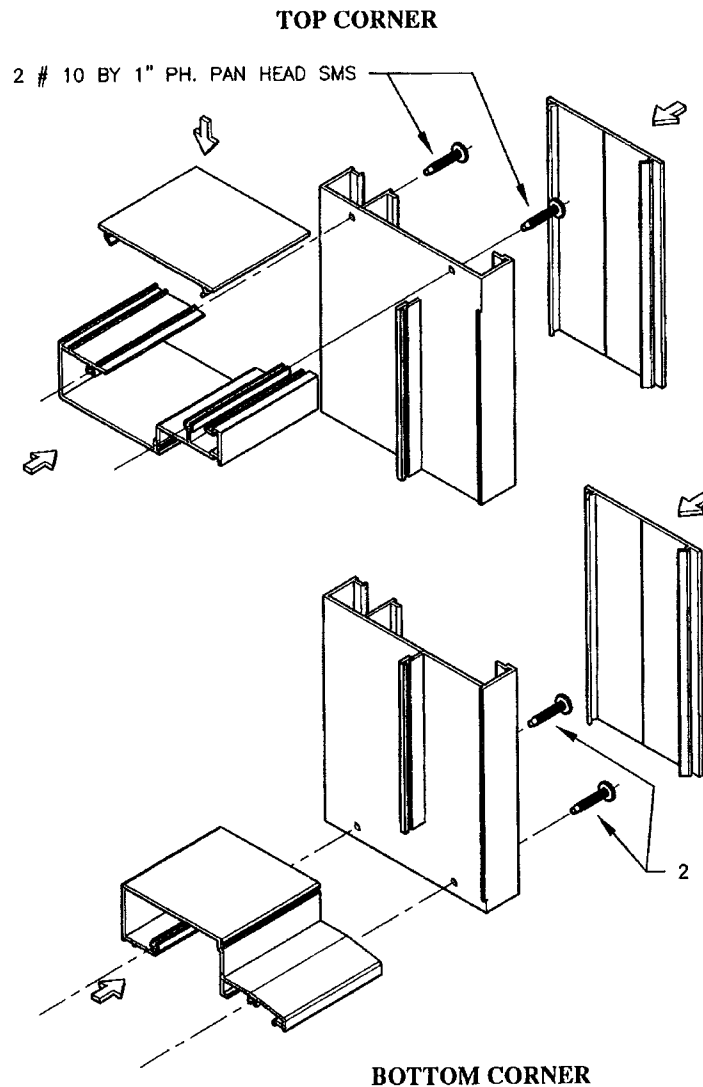


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SERIES 2001 ALUMINUM OUTSWING FRENCH DOOR LARGE MISSILE IMPACT RESISTANT

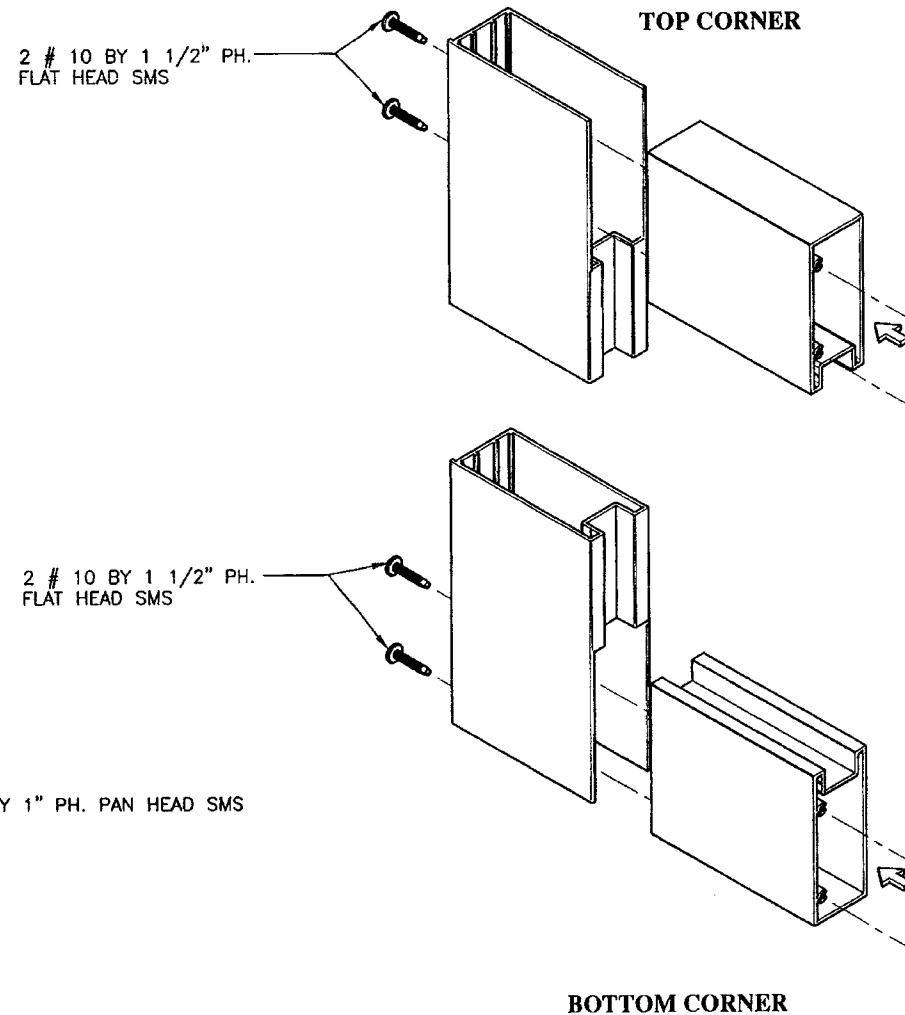
No	DATE	REVISION

DRAWING No.
FD01-13
DATE: 05/16/2013
SCALE: N.T.S.
SHEET 7 OF 8



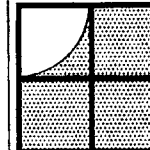
DOOR FRAME CORNERS

SCALE: NTS



DOOR PANEL CORNERS

SCALE: NTS



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**SERIES 2001 ALUMINUM
OUTSWING FRENCH DOOR
LARGE MISSILE IMPACT RESISTANT**

REV	DATE	REVISION

DRAWING No.
FD08-01

DATE: 05/16/2013

SCALE: N.T.S.

SHEET 8 OF 8

PRODUCT RENEWED
in compliance with the Florida
Building Code
Acceptance No. 14-0109.06
Expiration Date 05/08/2018
By: *[Signature]*
Miami Dade Product Control

[Signature]
4-19-2014
FRANCISCO HERNANDEZ
FLORIDA PE # 51393